RATENT AND TRADEMARK OFFICE IN THE UNITED ST

In the Application of:

Inventors

: Hood et al.

Serial No.

: 10/056,182

Filed

: January 24, 2002

Title

: STRUCTURAL AND OPTICAL

APPLICATIONS FOR SHAPE

MEMORY POLYMERS (SMP)

Docket No.

: CRG 005 P2

Customer No.: 021367

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

April 9, 2002

(Date of Deposit)

Patricia A. Ashby

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

PRR 2 4 TUBE Pursuant to 37 C.F.R. 1.56, the attention of the Pat rademark Office hereby directed to the reference(s) listed on the attached PT(\$\mathbb{Q} \mathbb{P}/08A\$. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information disclosure statement, filed in accordance with 37 C.F.R. 1.97, shall not be construed as a representation that a search has been made. Further, the filing of this information disclosure statement shall not be construed to be an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b)

XX

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

> Respectfully submitted, **BIEBEL & FRENCH**

 $\mathbf{B}\mathbf{y}$

Bruce E. Peacock Reg. No. 28,457

639

35 East First Street Dayton, Ohio 45402 (937) 461-4543 April 9, 2002

S:\crg\crg005p2\IDS.wpd

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/056,182	
STATEMENT BY APPLICANT	Filing Date	January 24, 2002	
(use as many sheets as necessary) APR 1 7 2002	First Named Inventor	Hooket al. 70	
	Art Unit	3725 70	
	Examiner Name	OF THE	
Sheet 1 1	Attorney Docket Number	CRG 005 P2	
TRACEM		305	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	<u>Document Number</u> Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
·-		US-6,113,817	09/05/2000	Herbrechtsmeier et al.		
		US-6,102,933	08/15/2000	Lee et al.		
		US-6,086,204	07/11/2000	Magnante, P. C.		
		US-5,189,110	02/23/1993	Ikematu et al.		
		US-5,098,776	03/24/1992	Kobayashi et al.		
		US-4,831,094	05/16/1989	Stein et al.		
		US-4,262,103	04/14/1981	Minchak, R. J.		
		US-4,250,063	02/10/1981	Kotani et al.		
··- <u>-</u>		US-4,203,884	05/20/1980	Coran et al.	• .	
		US-4,193,899	03/18/1980	Brenner et al.		
		US-4,178,424	12/11/1979	Tenney et al.		
		US-4,136,248	01/23/1979	Tenney, L. P.		
		US-3,684,672	08/15/1972	Longi et al.		
_		US-3,557,072	01/19/1971	Vergne et al.	Mill of the contract	
		US-3,453,247	07/01/1969	Sartori et al.		

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

communication to applicant.

'Applican' is unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, U.S. Patent and Trademark Office, Washington, DC20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.